

FIG. 1

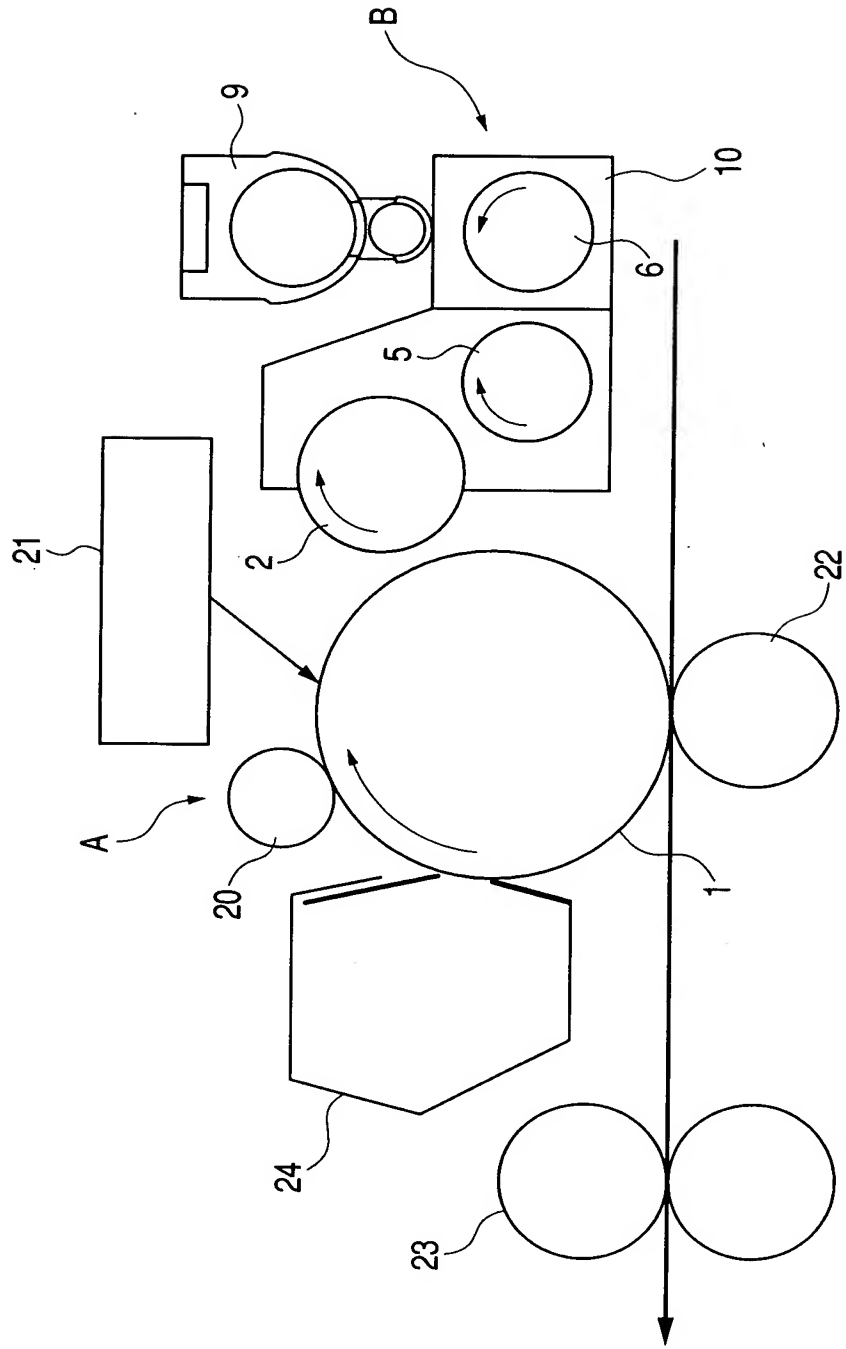
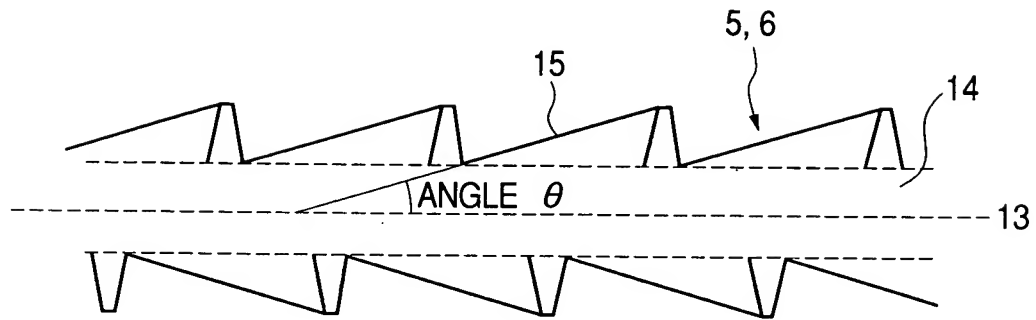


FIG. 2A**FIG. 2B**

| ANGLE θ | 75 | 60 | 45 | 30 |
|---------------------------|----|----|-----|----|
| UNEVENNESS OF SCREW PITCH | × | △ | ○ △ | ○ |
| DEVELOPER CARRYING AMOUNT | ○ | △ | △ × | × |

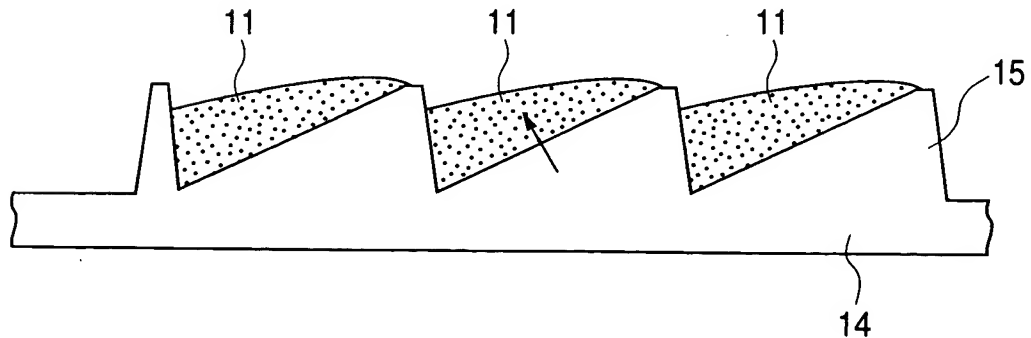
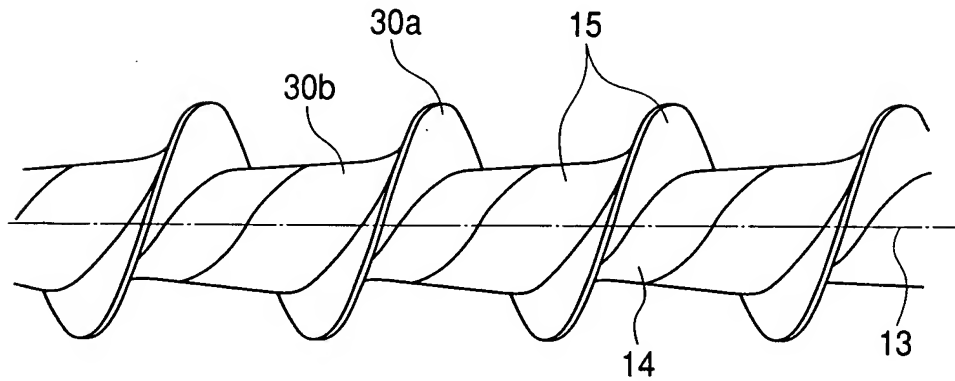
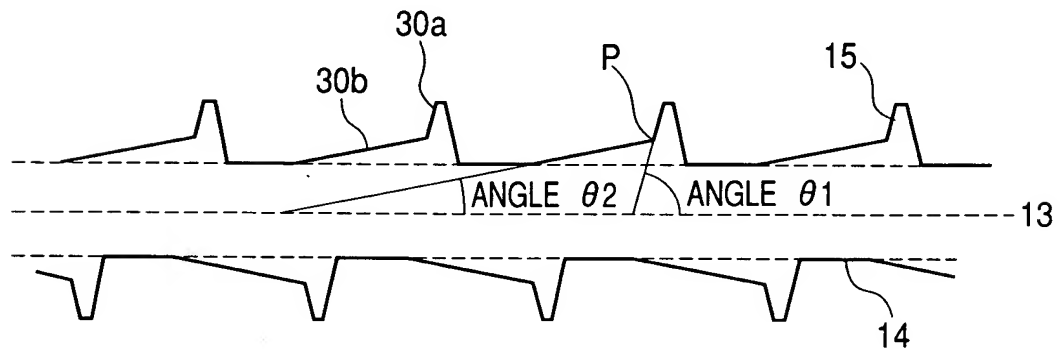
FIG. 2C

FIG. 3A**FIG. 3B****FIG. 3C**

| ANGLE $\theta 2$ | 40 | 25 | 10 |
|---------------------------|------------|-------------------|------------|
| UNEVENNESS OF SCREW PITCH | Δ | $\Delta \bigcirc$ | \bigcirc |
| DEVELOPER CARRYING AMOUNT | \bigcirc | \bigcirc | \bigcirc |

FIG. 4A

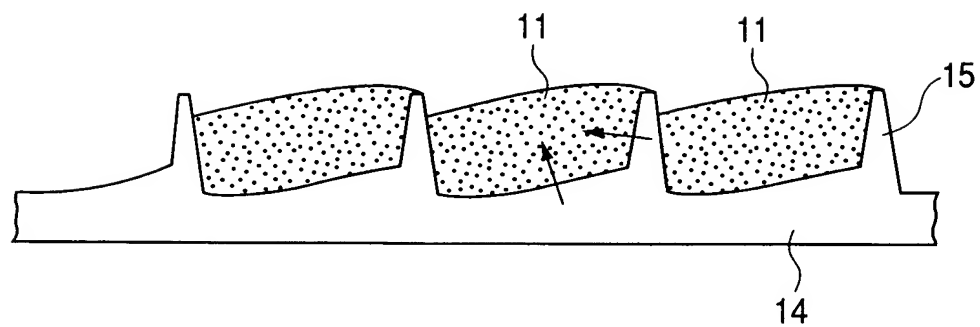


FIG. 4B

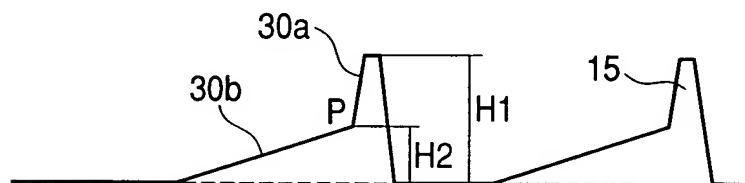


FIG. 5A

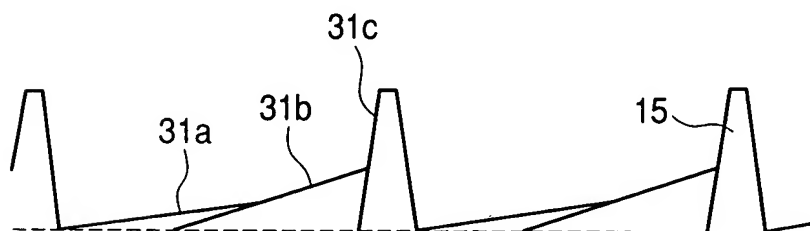


FIG. 5B

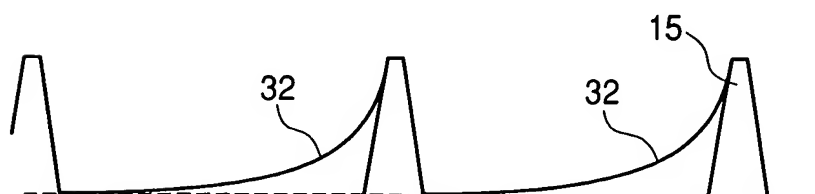


FIG. 6

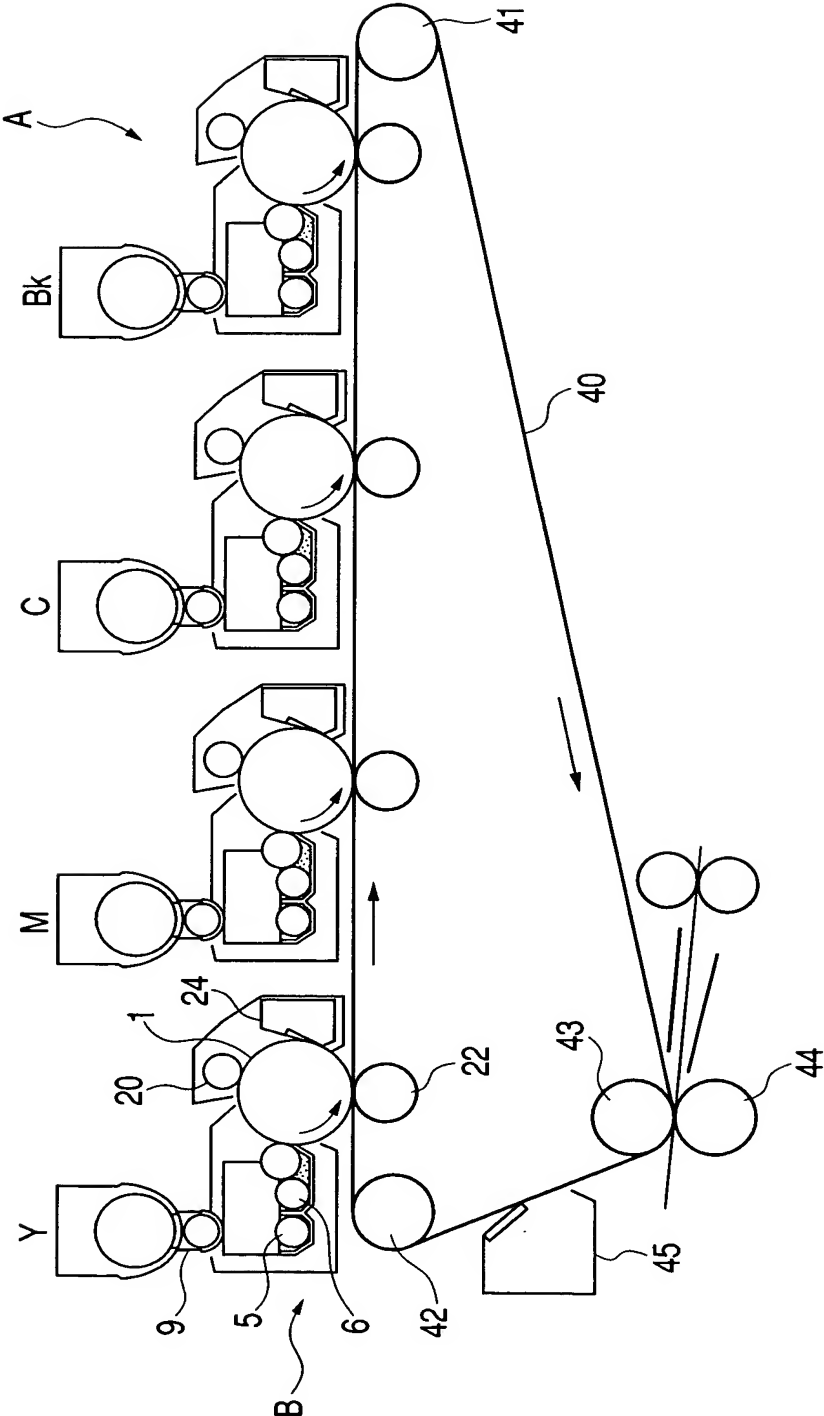


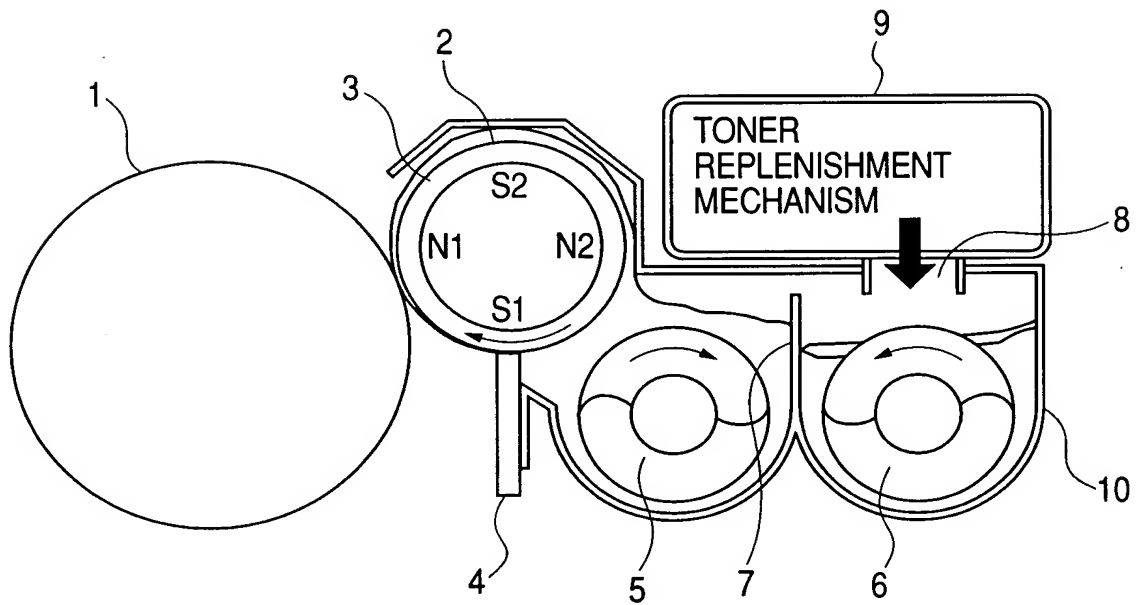
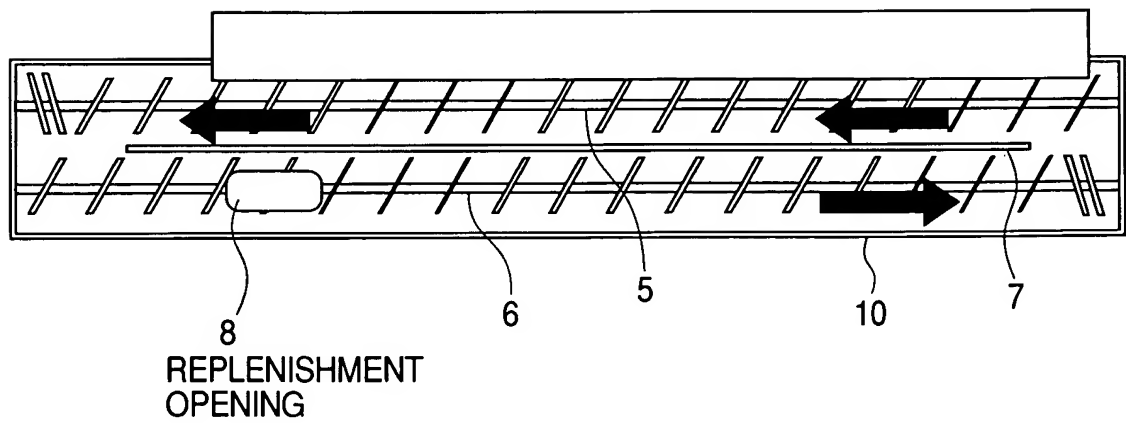
FIG. 7A**FIG. 7B**

FIG. 8A

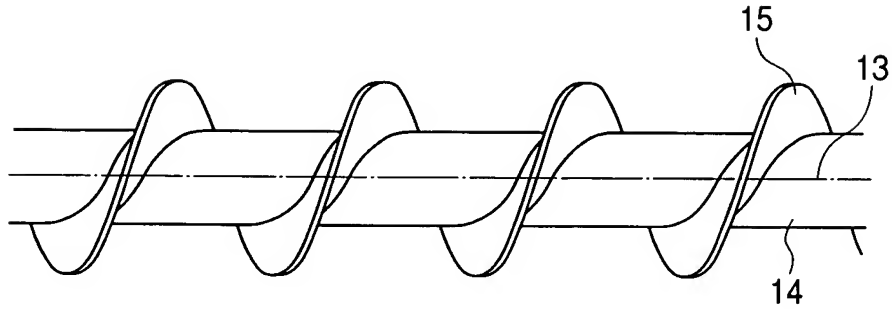


FIG. 8B

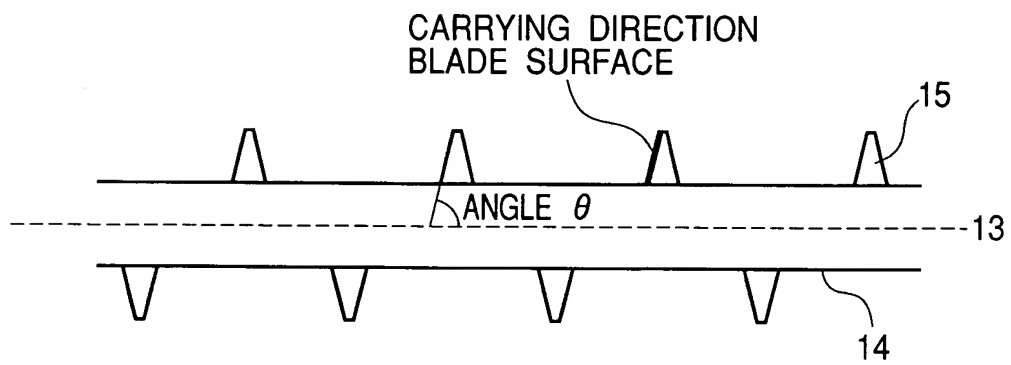


FIG. 8C

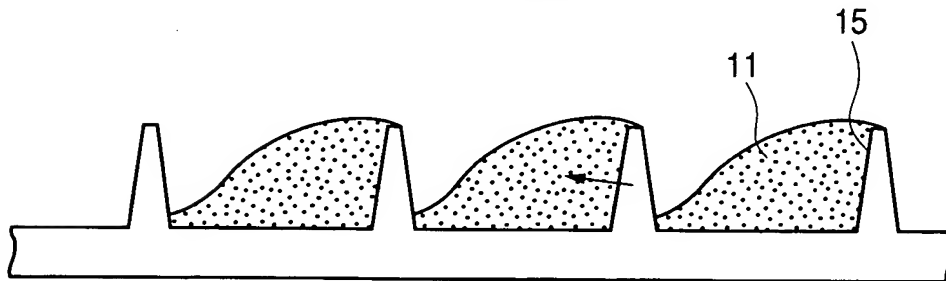
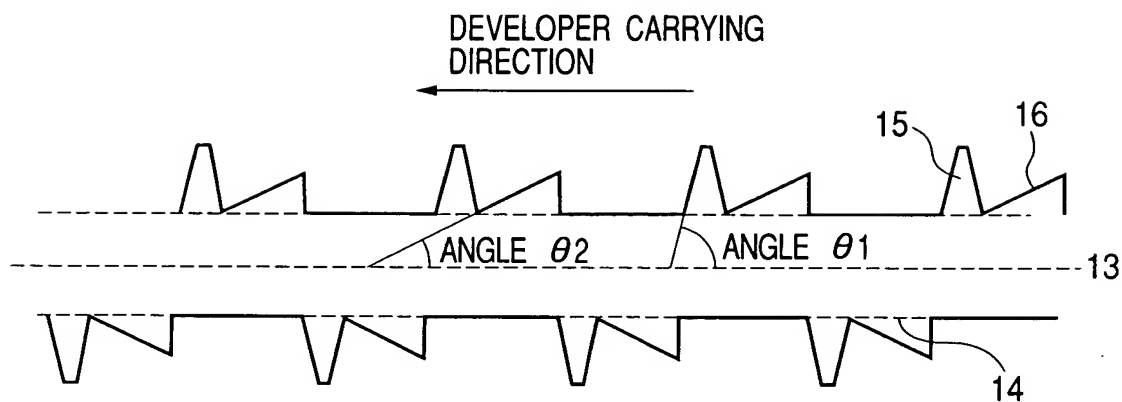
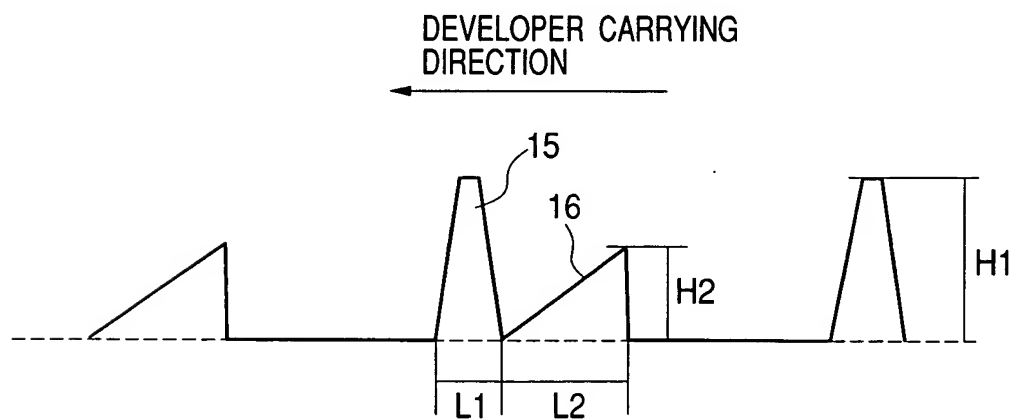


FIG. 9**FIG. 10****FIG. 11**

| | | | | | | |
|---------------------------|---|-----|-----|---|---|---|
| H2 mm | 0 | 1 | 1.5 | 2 | 3 | 4 |
| UNEVENNESS OF SCREW PITCH | × | ○ Δ | ○ | ○ | Δ | × |

FIG. 12

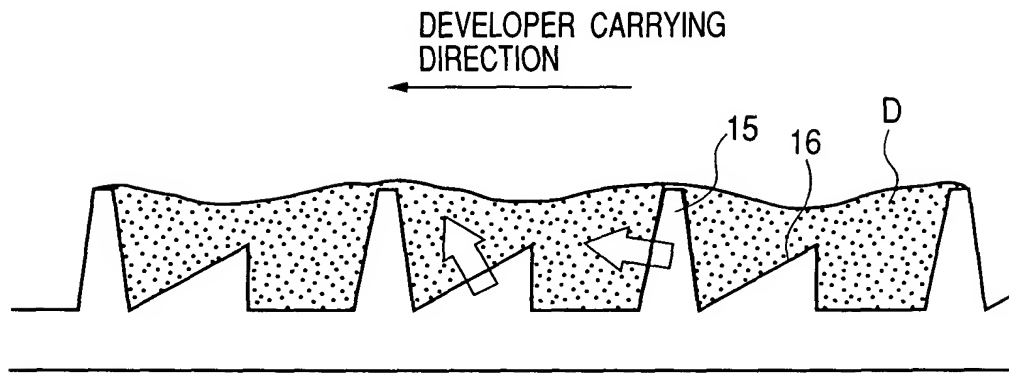


FIG. 13

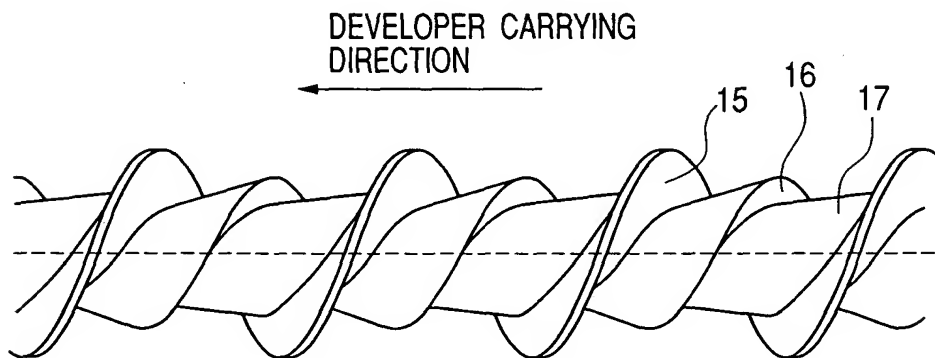


FIG. 14

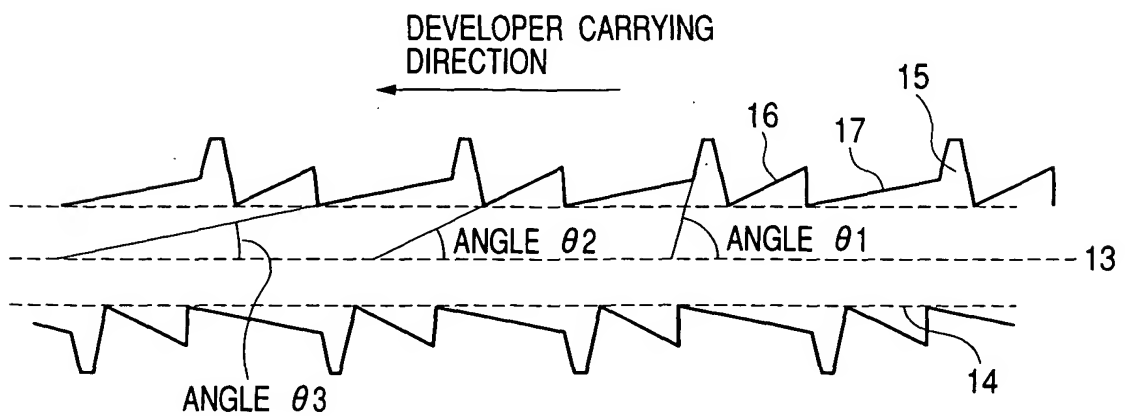
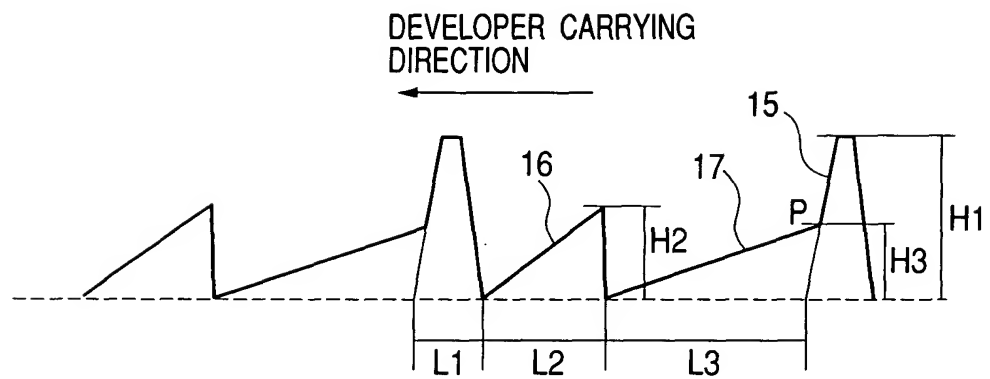


FIG. 15**FIG. 16**

| H3 mm | 0 | 1 | 1.5 | 2 | 3 |
|------------------------------|---|-----|-----|---|---|
| UNEVENNESS OF SCREW PITCH | × | ○ △ | ○ | ○ | △ |
| DEVELOPER CARRYING AMOUNT | ○ | ○ | ○ | △ | × |

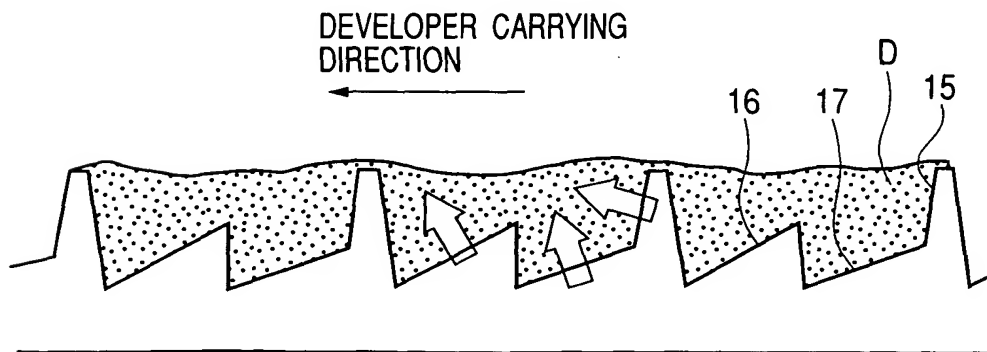
FIG. 17

FIG. 18

